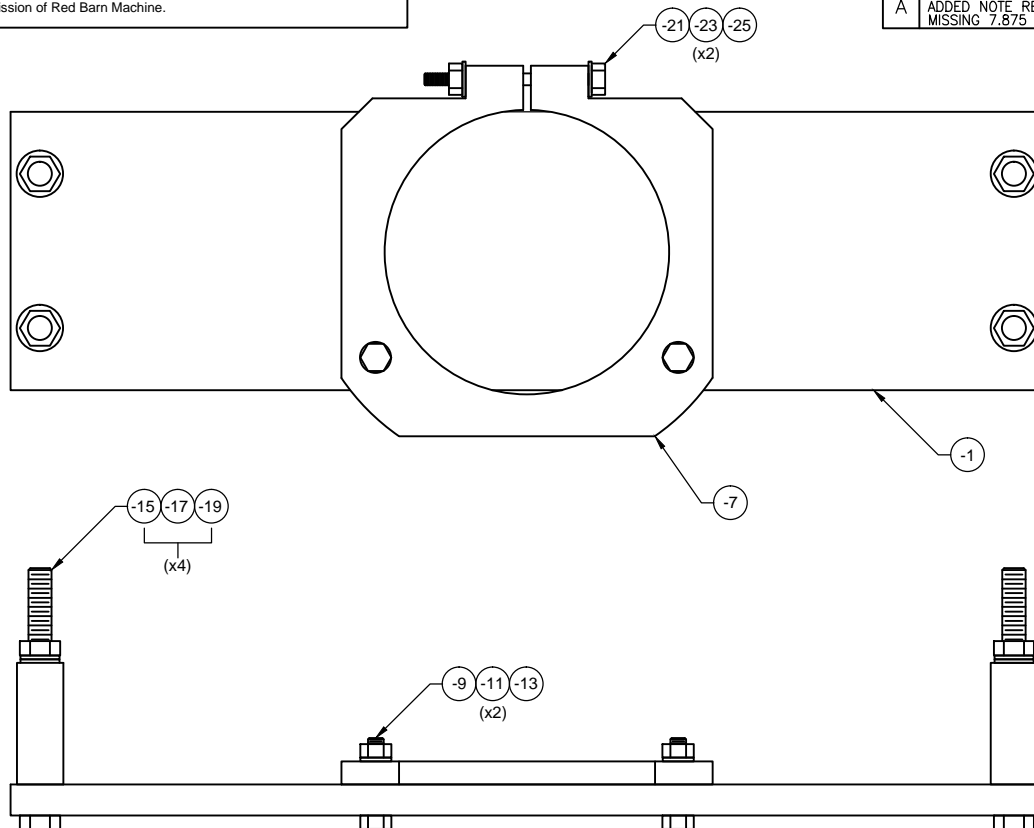


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVE
A	ADDED NOTE REF. ORIGINAL BELL NUMBER 204-040-001-17-PAT-1 PER S.E. ADDED -3 MISSING 7.875 DIMENSION PER G.F.	5/14/12	RJC	SE



ASSEMBLY

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	PLATE WELDMENT			2
	1		-3		PLATE	6061	1/2 x 4-1/2 x 16-7/8	3
	4		-5		POST	6061	Ø3/4 x 2-1/8	4
			-7	1	CLAMP	6061	3/8 x 6 x 6-1/8	5
	B/O	-9	2		HEX HEAD CAP SCREW	STEEL GRD 8	1/4-28 UNF-2A x 1-1/4 MCMaster-CARR #91257A565	1
	B/O	-11	2		FLAT WASHER	STEEL	1/4 I.D. x 1/2 O.D. x 1/16 MCMaster-CARR #95229A430	1
	B/O	-13	2		HEX NUT	STEEL	1/4-28 UNF-2B MCMaster-CARR #94191A150	1
	B/O	-15	4		HEX HEAD CAP SCREW	STEEL GRD 5	3/8-24 UNF-2A x 4 MCMaster-CARR #91247A235	1
	B/O	-17	4		FLAT WASHER	STEEL	3/8 I.D. x 5/8 O.D. x 1/16 MCMaster-CARR #95229A490	1
	B/O	-19	4		HEX NUT	STEEL	3/8-24 UNF-2B MCMaster-CARR #95505A613	1
	B/O	-21	1		HEX HEAD CAP SCREW	STEEL	10-32 UNF-3A x 2-13/32 AIRCRAFT SPRUCE #AN3-23A	1
	B/O	-23	2		FLAT WASHER	STEEL	Ø1/4 I.D. x 9/16 O.D. x 1/16 MCMaster-CARR #98032A481	1
	B/O	-25	1		HEX NUT	STEEL	10-32 UNF-3B MCMaster-CARR #99638A100	1

NOTES:

1. REF. ORIGINAL BELL #204-040-001-17-PAT-1.

RED BARN MACHINE

TITLE MAIN XSMN BACKLASH TOOL

DWG NO. RBT400314 REV A

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: CLOUGH	
TOLERANCES ON:		APPROVED <i>D. Weil</i>	
DECIMALS	METRIC REF.	HEAT	
.XXX ± .005	.XXmm ± .1mm	TREAT	
.XX ± .01	FRACTIONS ± 1/32	FINISH	
.X ± .1	ANGLES ± 5°	SPEC	
UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES		BELL 204, 205, 212	
.015 x 45° PR .015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			

SCALE NTS DATE 1-10-11 SHEET 1 of 5

ASSY # -1

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-

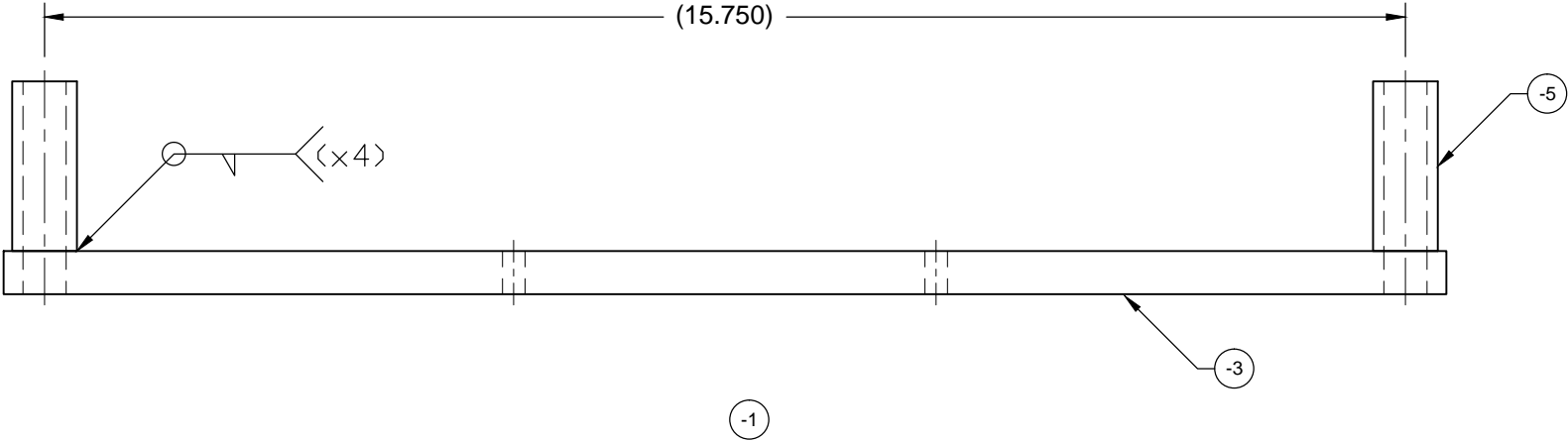



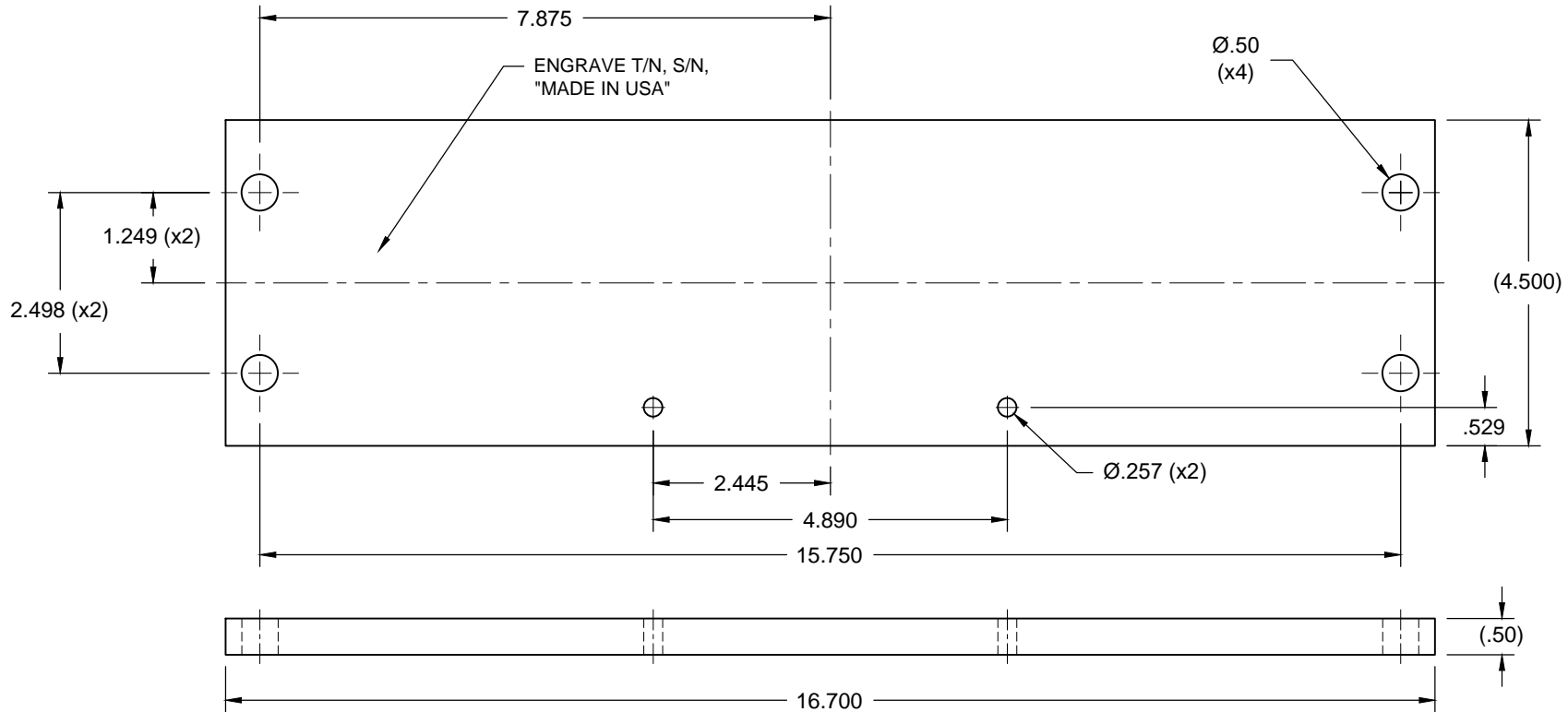
PLATE WELDMENT

NOTE;
ALIGN -5 TO -3 USING 1/2" HARDWARE.

 RED BARN MACHINE			
TITLE MAIN XSMN BACKLASH TOOL			
DWG NO. RBT400314-1		REV A	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: CLOUGH	
TOLERANCES ON:		APPROVED <i>D. Weil</i>	
DECIMALS		HEAT	
.XXX ± .005		TREAT	
.XX ± .01		FINISH	
.X ± .1		CLEAR AND DIZE	
ANGLES ± 5°		SPEC MIL-A-8625F, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED		USED ON MODEL	
1. BREAK ALL SHARP EDGES		BELL 204, 205, 212	
.015 x 45° PR .015 R			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE NTS	DATE 1-10-11	SHEET 2 of 5	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	ADDED -3 MISSING 7.875 DIMENSION PER G.E.	5/14/12	RJC	SE

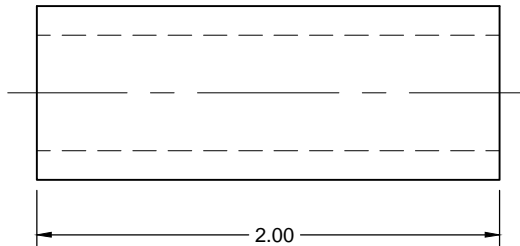
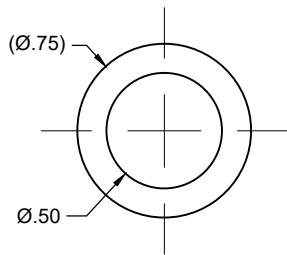


(-3)
PLATE


RED BARN MACHINE	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400314-3	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	METRIC REF.
.XXX ± .005	.XXmm ± .1mm
.XX ± .01	FRACTIONS ± 1/32
.X ± .1	ANGLES ± 5°
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: CLOUGH	
APPROVED: <i>D. Weil</i>	
HEAT TREAT: SEE WELDMENT	
FINISH: SEE WELDMENT	
SPEC: SEE WELDMENT	
USED ON MODEL: BELL 204, 205, 212	
SCALE: NTS	DATE: 1-10-11
SHEET: 3 of 5	

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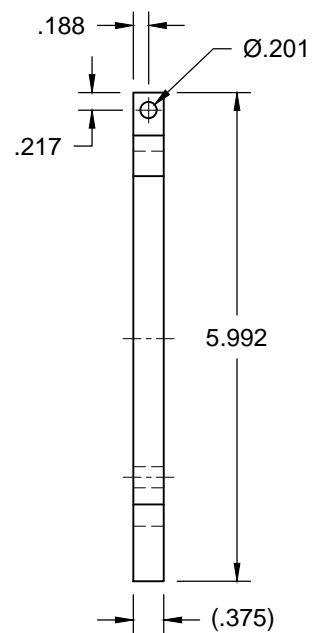
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
-	--	-	-	-




⑤
POST

 RED BARN MACHINE	
TITLE MAIN XSMN BACKLASH TOOL	
DWG NO. RBT400314-5	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: CLOUGH APPROVED <i>D Weil</i> HEAT TREAT FINISH SEE WELDMENT SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 204, 205, 212
SCALE NTS	DATE 1-10-11
SHEET 4 of 5	

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
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 RED BARN MACHINE			
TITLE MAIN XSMN BACKLASH TOOL			
DWG NO. RBT400314-7			REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS METRIC REF. .XXX ± .005 .XXmm ± .1mm .XX ± .01 FRACTIONS ± 1/32 .X ± .1 ANGLES ± 5°		DRAWN BY: CLOUGH APPROVED <i>D. Med</i> HEAT TREAT FINISH CLEAR ANODIZE	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL BELL 204, 205, 212	
SCALE NTS	DATE 1-10-11	SHEET 5 of 5	